***Economic Statistics***

**Degree:** Bachelor

**Year:** 2018/2019

**Semester:** Spring

**General workload:** 5 ECTS credits, 180 hours

**Goals and objectives of the course**

To form a scientific view and acquire basic knowledge of statistical research methodology.

**Key didactic units**

 The concept, methodology and problems of economic statistics. Statistical observation. Presentation of the statistical observation results. General statistical indicators. Selective observation. Statistical examinations of the interrelation between social and economic phenomena. Examination of changes in social and economic phenomena and processes. Index method of analysis. Statistics of population and the labor market. Statistics of productivity and wages. Statistical examination of the national wealth. System of National Accounts. Key indicators of finance statistics. Statistical examination of the standard of living.

**Place of the discipline within the curriculum**

The course is part of the professional training unit within the curriculum of program 38.03.01 in Economics (concentration: International Finance (in English)).

**Upon completing the course, the students should:**

*Know:*

* Basic concepts, categories, methods of identifying general statistical indicators and their analysis;
* Modern statistical indicators system reflecting economic and social phenomenon and process development, formats of federal statistical observation and accounting statements;
* Statistical instruments used to conduct federal statistical observation of companies’ operations in financial and non-financial sectors

*Be able to:*

* Develop a statistical observation program; apply statistical information processing methods to practice; apply social and economic phenomena examination methods to practice, and use their interrelationship examination methodology.
* Calculate the basic statistical indicators, use statistical analysis methods to solve practical problems, and interpret the results obtained;

*Have:*

* Practical skills in conducting statistical research in order to solve economic problems;
* Practical skills in using statistical methods of social and economic information processing;
* Practical skills in the analysis of indicators characterizing social and economic phenomena and processes used in managerial decision-making.

**Course structure**: lectures, seminars and practicals, independent student work, test

**Summative assessment**: examination